

1-Octadecanol  
112-92-5 | DTXSID8026935

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.87	0.81	0.87	0.82	0.86	0.86

Model Results

Predicted value: 1.32e-08 mol/L

Global applicability domain: Inside

Local applicability domain index: 6.06e-01

Confidence level: 5.09e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>1-Octadecanol</div> <div>Measured: 4.07e-09</div> <div>Predicted: 1.32e-08</div>	<div>Image not found</div> <div>Heptadecan-1-ol</div> <div>Measured: 3.12e-08</div> <div>Predicted: 4.13e-08</div>	<div>Image not found</div> <div>1-Hexadecanol</div> <div>Measured: 9.69e-08</div> <div>Predicted: 9.67e-08</div>
<div>Image not found</div> <div>1-Pentadecanol</div> <div>Measured: 4.48e-07</div> <div>Predicted: 2.58e-07</div>	<div>Image not found</div> <div>Octadecanoic acid</div> <div>Measured: 2.10e-06</div> <div>Predicted: 7.52e-07</div>	